

B-1. Mansfield ISD 2011-20113 USAC Appeal letter submitted to USAC
July 20, 2014

B-2. MISD Technology Plans 2010-2013



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July 17, 2014

Letter of Appeal
Schools and Libraries Division
Box 125-Correspondence Unit
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Applicant:

Mansfield Independent School District (MISD)
Form 471 Application Number:
Funding Request Numbers:
(See List Below)
Funding Years: 2011, 2012, 2013
Billed Entity Number: 140867

FY 2011		FY 2012		FY 2013	
470# 970210000876801		470 # 573040000783265		470# 764940001074497	
471	FRN	471	FRN	471	FRN
788976	2134799	845493	2296260	902395	2465508
788976	2134809	845493	2296287	902395	2465522
788976	2134832	845493	2296394	902395	2465557
788976	2134845	845493	2298647	902395	2465643
788976	2134863	845493	2298680	902395	2465727
788976	2134902	845493	2298698	902395	2465750
788976	2149062	845493	2303040	902395	2465829
793935	2149007	871961	2380833	904090	2465173
794118	2151408			906722	2467811
815691	2217384			906722	2467867

Dear Appeals Processor:

We are appealing the rescinding of funding according to the "Notice of Commitment Adjustments Letters" and the "Funding Commitment Decision Letter" denial listed below.

FINDING:

"After multiple requests for documentation and application review, it has been determined that this funding commitment must be rescinded in full. During the course of a review it was determined that the FCC Form 470 does not comply with the statutory mandate that applicants submit bona fide requests for services. Per the FCC's Ysleta Order, an applicant's FCC Form 470 must be based upon its carefully

thought-out technology plan and must detail specific services sought in a manner that would allow bidders to understand the specific technologies that the applicant is seeking. Thus, a FCC Form 470 that sets out virtually all elements that are on the eligible services list would not allow a bidder to determine what specific services the applicant was seeking. A FCC Form 470 should not be a general, open-ended solicitation for all services available on the eligible services list, with the hope that bidders will present more concrete proposals. We find that the FCC Form 470 that established the bidding for this FRN is encyclopedic and does not list only those services for which funding was actually sought. Furthermore, a Request for Proposal was not issued to narrow the scope of the desired services to only those that you actually applied for in this funding request. Because you relied on an encyclopedic FCC Form 470, your funding commitment will be rescinded in full and USAC will seek recovery of any disbursed funds from the applicant."

We are also appealing the denial of the FY 2013-2014 Funding Commitment Decision Letter of May 22, 2014 that stated the following for each FRN on the application:

Funding Commitment Decision: \$0. 00 - Encyclopedic or Generic Form 470 Funding Commitment Decision Explanation: This FRN is being denied because the FCC Form 470 does not comply with the statutory mandate that applicants submit "bona fide requests for services." Per the FCC's Ysleta Order, an applicant's FCC Form 470 must be based upon its carefully thought-out technology plan and must detail specific services sought in a manner that would allow bidders to understand the specific technologies that the applicant is seeking. Thus, a Form 470 that sets out virtually all elements that are on the eligible services list would not allow a bidder to determine what specific services the applicant was seeking. A Form 470 should not be a general, open-ended solicitation for all services available on the eligible services list, with the hope that bidders will present more concrete proposals. We find that the Form 470 that established the bidding for this FRN is encyclopedic and does not list only those services for which funding was actually sought. Furthermore, a Request for Proposal was not issued to narrow the scope of the desired services to only those that you actually applied for in this funding request. Because you relied on an encyclopedic FCC Form 470, the FRN is denied.

Mansfield Independent School District (MISD) Appeal:

1. ...an applicant's FCC Form 470 must be based upon its carefully thought-out technology plan and must detail specific services sought in a manner that would allow bidders to understand the specific technologies that the applicant is seeking.

The 470 requests for Form 470's under review for FY 2011, 2012 and 2013 were based on Technology Plans for each of those years that were approved by the Texas Education Agency. Each plan was developed in conjunction with the district Technology Leadership Team (TLT) and Technology Advisory Committee (TAC) and encompassed recommendations made by outside firms, two of which were hired with district funding, to provide recommendations on the direction the district should go with their technology implementation.

Since the FY 2010 Technology Plan was the comprehensive plan that provided guidance for the preparation of the FY 2011 requests, it is included in the attachment set. Texas Education Agency requests a full Technology Plan every three years as directed by USAC rules below:

USAC Timeframe

Approved technology plans should cover a period of not more than three years. In view of the rapid development cycle of new technologies and services, schools and libraries should approach long-term commitments with caution. However, long-range planning may be important in the case of some lease-purchase arrangements or very large capital investments that require extended commitments. There may also be cases in which an approved plan is longer than three years to conform to federal, state, or local requirements. Whenever an approved plan is longer than three years, there should be a significant review of progress during the third year.

Texas Education Agency Requirements for Technology Plans:

The Texas Education Agency requires Texas public school districts and charter schools to submit a technology plan through the ePlan system. The plan also allows, as necessary, school districts to maintain eligibility for other state and federal programs, including the universal service Schools and Libraries Program commonly known as E-Rate. The technology plan should allow a district to evaluate their current technology; determine areas of need, set goals, objectives, and strategies to meet those needs; and allocate funding for meeting the objectives.

*The Texas ePlan system requires districts to address the following areas in the Long-Range Plan for Technology: Teaching and Learning, Educator Preparation and Development, Leadership, Administration and Instructional Support, and Infrastructure for Technology; No Child Left Behind; and E-Rate.
<http://www.tea.state.tx.us/index2.aspx?id=2147501611>*

The Five E-Rate Criteria to be Addressed in the ePlan System:

- ER01 The plan must establish clear goals and a realistic strategy for using telecommunications and information technology to improve education or library services.
- ER02 The plan must have a professional development strategy to ensure that staff know how to use these new technologies to improve education or library services.
- ER03 The plan must include an assessment of the telecommunication services, hardware, software, and other services that will be needed to improve education or library services.
- ER04 The plan must provide for a sufficient budget to acquire and support the non-discounted elements of the plan: the hardware, software, professional development, and other services that will be needed to implement the strategy.
- ER05 The plan must include an evaluation process that enables the school or library to monitor progress toward the specified goals and make mid-course corrections in response to new developments and opportunities as they arise.

Consequently, since the plan was approved by the Texas Education Agency, the FY 2010 plan met the State Requirements in that it included, "a sufficient level of information to validate the purpose of a universal service request" as an approved plan.

All companies that provided recommendations have in-depth experience with Information Technology implementations in large urban school districts and provided comprehensive recommendations for consideration by the district. The companies began the evaluations included in this document in FY 2009, and submitted reports to Mansfield ISD that are included in the attachments to this appeal.

As you will see by reviewing each of the Technology Plans, the district took great care to carefully delineate their plans for implementing the technology recommended. Copies of the Technology Plans for each year under review are included in the attachments.

The district did not, as was stated in the denial above include, *“virtually all elements that are on the eligible services list.”*

Priority 1,

For Priority 1, the district listed the services in the grid below, the majority of which were existing services at the time of the filing. The full Eligible Services List (ESL) includes eight pages of eligible items. A copy of the full ESL is included in the attachments.

The chart below identifies the specific pages and strategies in the 3 yr. comprehensive 2010-2013 Technology Plan that align with the services requested as well as recommendations made by one or more of the firms that provided recommendations to the district as referenced earlier.

Service Requested on the FY 2011 Form 470	Technology Plan Page and Strategies that Correlate to the Services Requested
Local Voice Services	P 17, 3.2.3, P 19, 4.1.6
Long Distance Phone Service	P 17, 3.2.3
High Speed End-End Transport	P 17, 3.2.3
Point-Point T1 Lines: Required for accessing online resources with Education Service Center	P 10, 1.2.16, 1.2.15, 1.2.16, 2.1.4, 2.2.4, 3.2.5, Cisco* P.6, c
OptEman Circuits	P 17, 3.2.3
Gigaman Circuits	P 17, 3.2.3 Cisco P.6, c
PRI ISDN DID Smart Trunks	P 17, 3.2.3
High Speed Internet Access: Included throughout the plan for accessing all online resources Includes CIPA	P7, Strategies 1.1.8, 1.1.9, 3.1.2, 3.1.3, P21, 4.4.2,
VoIP Services	P 19, Strategies 4.1.5
Interconnected VoIP Lines	P 19, Strategies 4.1.5
Parent Calling System:	P9, Strategies 1.2.11, 1.2.11
911 Trunks	Required for Security – See Cisco P.6, b
Voice/Video Conferencing Service	P8, Strategies 1.2.2
Wireless WAN	P 17, 3.2.3, P 20, 4.2.2
Cellular Services-Aircards	P 7 Strategies: 1.1.6, 1.2.4, 1.2.5, 4.2.3
Fiber Optics	P 17, 3.2.3
Distance Learning/Video Conference:	P 8, Strategies 1.2.2
Internet Access E-mail & Web Hosting:	P 6, Strategies 1.1.1, 1.1.2, 1.1.3; P 9 Strategy 1.2.8, p 11, 1.2.21, 1.3.3

**Cisco refers to the recommendations contained in “Mansfield Independent School District Technology Evaluation” attached.*

Priority 2

For Priority 2, the district listed nineteen items out of the dozens more listed on the nine pages of the ESL. The district only included products and services that they had researched and intended to

install with sufficient funding from the district's general fund, bond issues, and E-rate funding for Priority 2 as detailed below.

Internal Connections

Like the Priority 1 services, for Priority 2 services we have prepared a chart that identifies the specific pages and strategies in the 2010-2011 Technology Plan that align with the services requested as well as recommendations made by one or more of the firms that provided recommendations to the district as referenced earlier.

Service Requested on the Form 470	Technology Plan Page and Strategies that Correlate to the Services Requested
Firewall: Required to protect the Network from intrusions.	P7, Strategies 1.1.8, 1.1.9, 3.1.2, 3.1.3, P21, 4.4.2, , Cisco P.6
UPS Battery Backups	Associated with all equipment requests, EST Group P. 24
Data Distribution via Wireless Network	P 17, 3.2.3, P 20, 4.2.2, Cisco P.6, f , Huckabee Technology Replacement Cost, 2011 Tech Plan Technology Needs List
Network Catalyst / Upgrades	Required for all goals, objectives and strategies. See IT companies recommendations below, Cisco P.6 a, b, Huckabee Technology Replacement Cost, 2011 Tech Plan Technology Needs List
Network Routers / Upgrades	Required for all goals, objectives and strategies. See IT companies recommendations below, Cisco P.6 a, b, Huckabee Technology Replacement Cost, 2011 Tech Plan Technology Needs List
Network Switches / Upgrades	Required for all goals, objectives and strategies. See IT companies recommendations below, Cisco P.6 a, b, Huckabee Technology Replacement Cost, DIR, 2011 Tech Plan Technology Needs List
VoIP Phones /Classroom Connection	P 8, Strategies 1.2.2, P 19, Strategies 4.1.5, Cisco P.6, g, Huckabee Technology Replacement Cost , DIR P.4, , 2011 Tech Plan Technology Needs List
VoIP Telephone Components	P 8, Strategies 1.2.2, P 19, Strategies 4.1.5, Cisco P.6, g, Huckabee Technology Replacement Cost, DIR P.4, , 2011 Tech Plan Technology Needs List
VoIP Telephone Upgrade	P 8, Strategies 1.2.2, P 19, Strategies 4.1.5, Cisco P.6, g, Huckabee Technology Replacement Cost, DIR P.4, , 2011 Tech Plan Technology Needs List
Video Conferencing Equipment	P 8, Strategies 1.2.2
VoIP/Video Components	P 19, Strategies 4.1.5
Wireless Access Points	P 17, 3.2.3, P 20, 4.2.2, Cisco P.6, f, Huckabee Technology Replacement Cost, 2011 Tech Plan Technology Needs List
Wireless High Speed	P 17, 3.2.3, P 20, 4.2.2, Cisco P.6, f, Huckabee Technology Replacement Cost, 2011 Tech Plan Technology Needs List
Wireless LAN Access Components	P 17, 3.2.3, P 20, 4.2.2, Cisco P.6, f, Huckabee Technology Replacement Cost, 2011 Tech Plan Technology Needs List

Service Requested on the Form 470	Technology Plan Page and Strategies that Correlate to the Services Requested
Wireless Management Equipment	P 17, 3.2.3, P 20, 4.2.2, Cisco P.6, f, Huckabee Technology Replacement Cost, 2011 Tech Plan Technology Needs List
Network Storage Equipment	P 6, Strategies 1.1.3,
Virtualization Software	P 19, Strategy(s) 4.14
Installation/Configuration of Equip	Associated with all equipment requests
Misc Fees and Charges	Associated with all equipment requests

Basic Maintenance

Service Requested on the Form 470	Technology Plan Page and Strategies that Correlate to the Services Requested
SmartNet Contract	Included with all Cisco Equipment Bids
VoIP Telephone Support	Included with all Cisco Equipment Bids
Technical Support Agreement	EST Group Section 3. Technical Support
Basic Technical Support	Recommended by all
Hardware Support	Included with all Cisco Equipment Bids
Basic Maintenance Support	Included with all Cisco Equipment Bids
Wireless WAN Support	Included with all Cisco Equipment Bids

- "Cisco" refers to the recommendations contained in *"Mansfield Independent School District Technology Evaluation"* attached.
- "Huckabee" refers to the recommendations contained in the "2011 Facility Assessment Report for Mansfield Independent School District"
- "EST" refers to the recommendations contained in *"Audit and Recommendations prepared for MISD"*.
- *"DIR" Refers to the State of Texas Department of Information Resources Contract pricing provided to the district as a guide for the cost of implementing a Campus Wide Classroom Phone Additions Project." submitted by Insight*

These Priority 2 services constitute about 1/3rd of the approximate total of 58 items on the full Eligible Services List for Internal Connections and Basic Maintenance services. To illustrate this statement we have inserted a chart below showing the items that Mansfield ISD requested for Priority 2 services in FY 2011 on the Form 470 as compared to the 2011 Eligible Services List.

These services were clearly researched in multiple documents and surveys conducted at the district as can be seen in the Technology Plan grids above and are included in the documents attached to this appeal.

Comparison of Mansfield ISD's Requests for Priority 2 Funding in Comparison with the Eligible Services List

Below we compiled a list of the eligible services listed in the *USAC Schools and Libraries Eligible Services List Schools and Libraries Support Mechanism for Funding Year 2011* and indicated in the MISD column the services that were actually requested by the district.

2011 Eligible Services List	List Item #		MISD
Cabling	1	Cabling and Connectors	
Circuit Cards/Components	2	Circuit and related components	
	3	Network Interface Cards	
	4	Phone Modems	
Data Distribution	5	Access Point	Yes
	6	Hub	
	7	Multiplexer	
Data Distribution	8	Network Switches	Yes
Data Distribution	9	Routers	Yes
Data Distribution	10	Wireless LAN Controller	Yes
Data Protection	11	Firewall	Yes
	12	Proxy Server	
	13	Tape Backup	
	14	Virtual Private Networks	
	15	Tape Backup Cartridges (Conditional)	
Data Protection	16	Uninterruptible Power Supply	Yes
Interfaces, Gateways, Antennas	17	Bridge	Yes
	18	Cable Modem	
	19	CSU/DSU	
	20	Copper to Fiber Connection	
	21	Network interface Device	
	22	Media Converter	
	23	Terminal Adapter	
	24	Transceiver	
	25	Voice/Fax Network Module	
	26	Antennas	
Servers	27	Dynamic Host Configuration	
	28	Domain Name	
	29	E-mail	
	30	Firewall	
	31	Proxy	
	32	Remote Access Components	
	33	Terminal Server	
	34	Web Server	
	35	Monitor	
	36	KVM Switch	
Software	37	Operating System	
	38	E-mail	

2011 Eligible Services List	List Item #		MISD
	39	Client Access Licenses	
Software	40	Virtualization Software	Yes
Storage Devices		Storage products may be used to store the operating system of an eligible product, such as a network server used for an eligible purpose. (See the entry for Servers for further information.) In addition, storage products may be used for eligible e-mail files but not for e-mail archiving	
	41		Yes
Telephone Components	42	PBX	
	43	Key System	
	44	Voice Mail	
	45	Wireless	Yes
Telephone Components	46	VOIP Telephony Equipment	Yes
Telephone Components	47	E911	Yes
	48	Voice Compression Module	
	49	Voice Interface Card	
Video Components	50	Codec	Yes
Video Components	51	Master Control Unit	Yes
	52	PVBX	
	53	Video Amplifier	
	54	Video Channel Modulator	
	55	Enhanced Channel Modulator	
Other	56	Documentation	
	57	Racks	
	58	System Improvements and Upgrades	Yes

As can be seen the number of requests is much less than the entire list and were validated to be '*bona fide*' requests based on the Technology Plan for each of the years under review.

Since the Technology Plan for FY 2012 and FY 2013 was a continuation of the comprehensive plan requests that had been prepared in FY 2011, there were no changes required other than to restate their Technology Needs as inserted below.

Technology Needs:

The technology plan's goals, objectives, and strategies are guided by MISD technology priorities.

Rebuilding the Infrastructure:

- Replace wiring

- Replace and update switches
- Provide classroom phones
- Private fiber to increase network reliability Add wireless capability at campuses

Modernizing the classroom:

- Provide projection devices for all classrooms
- Provide interactive hardware and software for teacher and student use
- Provide media content through multimedia delivery system
- Provide updated computers for the class room
- Data and Research-based Decisions: Annual teacher survey
- Focus Groups
- StarChart Data
- Student Assessment Data
- Principal Interviews
- Improving Customer Service:
- Use of help desk software to track and correct technology issues
- Use of workshop software to access available professional development opportunities and view professional development transcripts

2. The Form 470 "must detail specific services sought in a manner that would allow bidders to understand the specific technologies that the applicant is seeking."

In the preparation of the Form 470, the district followed the guidance provided in the Schools and Libraries News Brief dated December 3, 2010 which stated the following:

Form 470 and the competitive bidding process

In Form 470 Block 2, Summary Description of Needs or Services Requested, applicants provide information about the products and services for which potential bidders can submit bids. These descriptions should:

- *define the scope of the project and/or the needs or services, including any details necessary in order for potential bidders to prepare responsive bids*
- *be clear and complete descriptions rather than encyclopedic lists of eligible products and services*
- *not provide specific makes and model numbers except as references to clarify the characteristics of the products desired.*

Included in the News Brief was the chart below. The district was intent on following all rules and only included the specific type of service requested rather than provide information that might be deemed a violation based on the example below. In the example note that the applicant put the specific make and model on their Form 470

<p>XYZ manufacturer's high-speed router model 345J or equivalent to provide service for 57 classrooms in five buildings (description of school district available with RFP).</p> <p>NOTE: Applicants can have a bid evaluation criterion for preferred make and model or for adherence to local IT standards in their bid evaluation matrix.</p>	<p>XYZ manufacturer's high-speed router model 345J.</p> <p><i>This is considered a violation of the fair and open competitive bidding process requirement because the specific products and services are predetermined. This is equivalent to sole-sourcing and funding requests citing it will be denied.</i></p>
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which was determined by USAC to be, “a violation of the fair and open competitive bidding process requirement because the specific products and services are predetermined.”

The district relied on the information above as they prepared their Form 470 by leaving off specific make and model number but instead using generic terms like the ones on the Eligible Services List in the descriptions category that matched their requests.

In 2013, the FCC issued the order below which reinforced the USAC guidance of FY 2010 as follows.

[Queen of Peace High School, Burbank, IL \(12/07/2011\).](#)

“6. The E-rate program relies on competitive bidding to ensure the best price for applicants and to ensure the efficient use of universal service funds. At the same time, applicants are required to describe the requested services in sufficient detail to enable potential providers to formulate bids. When an applicant includes a manufacturer’s name or brand for its description of requested services on the FCC Form 470, there is a risk of compromising the competitive bidding process. An interested bidder could possibly conclude from the FCC Form 470 posting that the applicant has pre-selected the named service provider or that the service provider would be given some sort of preference in the bidding process, and...

8. We conclude, however, that allowing applicants to reference specific vendors in their Form 470 or RFP poses a risk to the competitive bidding process. We therefore clarify that, for Form 470s or RFPs posted for Funding Year 2013 or thereafter, applicants must not include the manufacturer’s name or brand on their FCC Form 470 or in their RFPs unless they also use the words “or equivalent” to describe the requested product or service. Such a description (“or equivalent”) will prevent the Form 470 or RFPs from being construed as requiring only a specific product or service provider, which could undermine the competitive bidding process by eliminating the opportunity for the applicant to purchase an equivalent or better product that may be less expensive or to choose a less expensive service provider. We therefore require that applicants include “or equivalent” with any description in which they may list a specific manufacturer’s name, brand, product or service when seeking bids.

Key Distinctions between the Ysleta ISD in 2003 and Mansfield ISD in 2011-2013

1. Mansfield ISD took “the initiative and responsibility for determining its needs” by spending district funds to retain outside consultants who are experts in their field. Unlike Ysleta, Mansfield ISD commissioned this extensive needs assessment process **prior to filing its 2011 Form 470** – not during the open bidding window. Documentation was obtained through reports from the external firms that were experts in network infrastructure, estimates prepared through budgeting processes, and extensive meeting notes. These actions demonstrate that Mansfield ISD genuinely sought resources to equip its classrooms with the requested services. These assessments yielded lists of specific materials that the district has referenced in this document and in the preparation of the Form 470.
2. Mansfield ISD did not “submit an encyclopedic list of eligible services.” It included only those services and equipment that were needed to provide internal connections services to classrooms, high speed Internet Access and other standard telecommunications services. What USAC has described as an ‘encyclopedic list’ was intended to provide maximum flexibility to vendors with the belief that solutions offered could be more cost-effective than what would have been received by posting the list of specific components that the district had already

compiled and avoid violating the USAC rules stated above by avoiding the use of specific make, model and part numbers.

The district used the information gained from the technology needs assessments cited above, along with locally administered surveys of faculty and staff members, to develop their Technology Plans each year and prepare the Form 470. This information was shared with the district administration and repeated recommendations were made to fund the needed products and services.

Some of these budgets and meeting notes are included in the attachments to this document as an illustration of the districts very real intent to install the services with sufficient funding from the multiple funding sources including E-rate funding.

PRIORITY 1:

Priority 1 services were requested on the Form 470's each year of the E-rate program. The Form 470's that apply to the denials include those listed below:

FY 2011 Form 470# 970210000876801 – Rescinded

FY 2012 Form 470# 595840000980192 – Rescinded

FY 2013 Form 470# 764940001074497 – Denied

We have included FY 2010 Form 470 # 573040000783265 in this discussion as this Form 470 is the establishing Form 470 for FY 2010 when the majority of the services requested for the three years under review were selected.

Services requested include: Telephone, Centrex, PRI's, Long distance, T-1 circuits, Opt-e-man circuits, Gigaman circuits, Internet Access, Web Hosting, Email, all of which have been requested and funded repeatedly in the past.

The district took advantage of the state contracts negotiated by the Texas Department of Information Resources (DIR) in the Tex-AN NG Contract: DIR-TEX-AN-NG-CTSA-005 when they filed the FY 2010 applications and in FY 2011 and FY 2012 when new sites were added and multi-year agreements were extended.

3. <i>...does not list only those services for which funding was actually sought.</i>
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Priority 2:

Priority 2 products and services were requested on the Form 470 each of the funding years under review. However, as the Form 471 application deadlines approached, the district had not approved the technology requests due to budget constraints and the district did not file a Form 471 for Priority 2 in any of the funding years in this appeal.

However, as noted on the Form 470, and the information provided in this document it is obvious that, the district was actively looking for funding for products and services on the respective Form 470's, and continued to pursue funding for these items throughout 2011. All district budgets in 2010-2011, 2011-2012 and in 2012-2013 included requests for the products and services on the Form 470.

We have included excerpts from each of the Fiscal Year Adopted Budget Books, or the initial approved Budgets for each of the funding years in question. In August or September prior to the posting each of the Form 470's, the funding for the services requested on the Form 470 was included in the official district budgets.

Mansfield's Budget Year Begins on September 1 each year. Consequently the budget requests are related to two funding years. In December 2010 when the district was filing for the 2011-2012 application they were using data from both the 2010-2011 budget and projections for the 2011-2012 based on recommendations from the outside firms estimate.

In the fall of 2010, they had submitted requests for technology under in the category of Capital Outlay in the amount of \$6,948,149.00 which was reduced to \$2,861,622.00 in the final request. A request was also made for Voice over IP equipment under the Telephone requests in the amount of \$45,918.00.

Between the filing of the Form 470 in December 2010 and preparing a Form 471, they were informed that those funds would not be disbursed due to budget shortfalls. Consequently, no Form 471 was filed.

2012-2013

Throughout the spring and summer, the district collected information regarding district needs and went out for a bond election in November 2011.

The text below and the chart show that as of August 20 there was funding requested in the Bond request.

“2011 Bond Election: District voters approved a \$198,530,000 bond package in November 2011. Projects include replacement of older campuses, renovations, technology improvements, safety and security, and many other projects identified through the District facility condition assessment. During 2012-2013 many of these projects were kicked off and continue through 2013-2014.”

Fund Balances:	
Non-Spendable:	
3410 Inventories	477,581
3430 Prepaid items	1,156,475
Restricted:	
3450 Grant funds	
3470 Capital acquisitions and contractual oblig.	
3480 Retirement of long-term debt	
Committed:	
3510 Capital acquisition projects	5,015,355
3530 Technology projects	4,000,000
3545 Campus activity funds	
Assigned:	
3590 Other purposes	2,784,078
3600 Unassigned	82,380,282
3000 Total fund balances	95,813,771
Total Liabilities, Deferred Inflows, and	
4000 Fund Balances	\$ 116,475,106

Based on this information the district felt confident enough to file a new Form 470 in December of 2011. The district followed the same guidance detailed above to prepare and submit their Form 470 for FY 2011. Interestingly enough, the December 9, 2011 News Brief included the exact same guidance as was noted in FY 2011.

Your Form 470 MUST NOT:

- Be completed or signed by a service provider or feature a service provider as the contact person in Items 6 or 12.
- Be an encyclopedic list of services.
- Specify vendors, manufacturers, or model numbers.

(Emphasis added.)

However as time drew near to prepare and submit the Form 471, the district decided to defer expending the funds from the bond funding or approved budget for the requested products and services during the upcoming year as other items had a higher priority. Because of this, no Form 471 application was submitted.

2013-2014

Knowing that the bond funding was still available the district requested funding in their budget for the upcoming year and posted a Form 470 as they had before. Unfortunately the same situation existed regarding budget shortfalls and once more the district was unable to be certain funding would be available so did not submit a Form 471 for Priority 2 services for FY 2013.

Subsequent budgets were approved and eventually some of the requests were implemented with local funding absent any E-rate funding.

4. *Furthermore, a Request for Proposal was not issued to narrow the scope of the desired services to only those that you actually applied for in this funding request.*

The district followed guidelines on the USAC website as it applies to Requests for Proposals. The only guidance regarding Requests for Proposal to applicants as they begin the application process is contained in the Applicant Step 2: <http://www.usac.org/sl/applicants/step02/default.aspx>

Requests for Proposals

The entity filing an FCC Form 470 can issue an RFP in addition to the FCC Form 470. An RFP is a formal bidding document that describes the project and requested services in sufficient detail so that potential bidders understand the scope, location, and any other requirements. You are not required to issue an RFP unless your state or local procurement rules or regulations require you to do so. If you have issued or intend to issue an RFP, that information must be included on the FCC Form 470 along with information on how to obtain a copy of the RFP.

The statement below is the key sentence:

"You are not required to issue an RFP unless your state or local procurement rules or regulations require you to do so."

Texas does not require schools to file a Request for Proposal as a part of their bidding rules for school districts.

On Step 2 Competitive Bidding for Service Providers, the same information regarding Requests for Proposals is included. <http://www.usac.org/sl/applicants/step02/competitive-bidding.aspx>

Request for Proposals

A Request for Proposal (RFP) is not required, but it is a good idea to have one. An RFP describes the project undertaken and contains sufficient details to inform potential bidders of the scope, location, and any other requirements for the project. If an RFP exists, the applicant must indicate on FCC Form 470 where the RFP is available, whether on a website or from the contact person. If state or local procurement regulations impose additional requirements, such as eligibility requirements for bidders, these requirements must also be noted on FCC Form 470.

Please note that an RFP is stated as **not** being required in any of the examples above. The only action that is required is to post the form 470. Mansfield followed the required process by posting the form 470.

Below is a listing of services requested each year since 2010:

FY 2010 470#	FY 2010 471	FRN	SPIN	SP		Request	Funded	Service
573040000783265	731815	1979379	143008823	SBC LD	T	\$11,142.72	\$6,128.50	LD
573040000783265	731815	1979429	143004662	SWBT	T	\$168,000.00	\$92,400.00	Local Voice
573040000783265	731815	1979469	143004662	SWBT	T	\$10,512.00	\$5,781.60	PTP T-1's
573040000783265	731815	1979491	143004662	SWBT	T	\$162,220.56	\$89,221.31	12 Gigaman Circuits
573040000783265	731815	1979528	143004662	SWBT	T	\$204,116.04	\$112,263.82	Circuits
573040000783265	731815	1980052	143004662	SWBT	T	\$13,798.80	\$7,589.34	Internet
573040000783265	731815	1980069	143004611	SBC Int SV	IA	\$77,940.00	\$42,867.00	Internet Service
573040000783265	731815	2107019	143001192	AT&T Corp	IA	\$95,011.00	\$52,256.05	1 Gigaman Circuit to Internet
573040000783265	751198	2029705	143004662	SWBT	T	\$328,644.00	\$187,327.08	Man circuits to Gigaman
573040000783265	732354	1980503	143024051	Gaggle.net	IA	\$43,206.25	\$22,899.31	EmailWeb

FORM 470#	FY 2011 471	FRN	SPIN	SP		Request	Funded	Service
970210000876801	788976	2134799	143008823	SBC LD	T	\$6,840.00	\$6,840.00	LD
970210000876801	788976	2134809	143004662	SWBT	T	\$100,171.80	\$100,171.80	Voice
970210000876801	788976	2134832	143004662	SWBT	T	\$6,214.96	\$6,214.96	PTP T-1's
970210000876801	788976	2134845	143004662	SWBT	T	\$1,600.56	\$1,600.56	Bus Opt
970210000876801	788976	2134863	143004662	SWBT	T	\$262,621.80	\$262,621.80	44 Gigaman Circuits
970210000876801	788976	2134902	143001192	AT&T COR	IA	\$92,587.95	\$92,587.95	Dist Gigaman to Int
970210000876801	788976	2149062	143004662	SWBT	IA	\$9,842.76	\$9,842.76	Giga to IA Provider
970210000876801	815691	2217384	143004662	SWBT	T	\$7,701.84	\$7,701.84	Gig to ESC
970210000876801	793935	2149007	143024051	Gaggle.net	IA	\$43,064.98	\$43,064.98	Email/Web
970210000876801	794118	2151408	143008823	Active Inte	IA	\$18,681.75	\$18,681.75	Web Hosting

FORM 470#	FY 2012 471	FRN	SPIN	SP		Request	Funded	
595840000980192	845493	2296260	143008823	SBC LD	T	\$6,740.27	\$6,740.27	LD
595840000980192	845493	2296287	143004662	SWBT	T	\$83,472.49	\$83,472.49	Voice
595840000980192	845493	2296394	143004662	SWBT	T	\$1,778.40	\$1,778.40	T-1'S
595840000980192	845493	2298647	143004662	SWBT	T	\$296,655.93	\$296,655.93	47 Gigaman Circuits
595840000980192	845493	2298680	143001192	AT&T COR	IA	\$187,333.92	\$187,333.92	Internet Access
595840000980192	845493	2298698	143004662	SWBT	IA	\$9,842.76	\$9,842.76	Gigaman to Internet
595840000980192	845493	2303040	143004662	SWBT	IA	\$7,701.84	\$7,701.84	Gigaman to ESC
595840000980192	871961	2380833	143035907	Cogent	IA	\$54,720.00	\$54,720.00	Distance Learning

FORM 470#	FY 2013 471	FRN	SPIN	SP		Request	Funded	
764940001074497	902395	2465508	143008823	SBC LD	T	\$8,297.76	\$0.00	LD
764940001074497	902395	2465522	143004662	SWBT	T	\$99,120.00	\$0.00	Voice
764940001074497	902395	2465557	143004662	SWBT	T	\$1,840.80	\$0.00	T-1'S
764940001074497	902395	2465643	143004662	SWBT	T	\$297,704.30	\$0.00	Gigaman Circuits 49
764940001074497	902395	2465727	143004662	SWBT	IA	\$15,318.08	\$0.00	Gigaman Internet
764940001074497	902395	2465750	143004662	SWBT	IA	\$7,972.08	\$0.00	Gigaman to ESC
764940001074497	902395	2465829	143001192	AT&T COR	IA	\$298,514.04	\$0.00	Internet Access
970210000876801	904090	2465173	143027394	Active Inte	IA	\$19,337.25	\$0.00	Web Hosting
595840000980192	906722	2467811	143035907	Cogent	IA	\$28,320.00	\$0.00	District Wide Internet
764940001074497	906722	2467867	143035907	Cogent	IA	\$45,517.32	\$0.00	Distance Learning

Priority One Applications:

All of these applications are for Priority 1 services under agreements with service providers awarded in previous years with the exception of Cogent and Active Internet. Both of those were awarded initially in the FY 2012 applications and upgraded for the FY 2013 application.

Based on the data presented in this appeal, it is apparent that the applications should not be rescinded for FY2011 and FY2012, and denied for 2013 as all were implemented in earlier years under the Texas DIR contracts discussed earlier. This applies to Long Distance and Voice as well as the circuits of various bandwidths, and Internet Access.

The implementation of Plexar/Centrex services by AT&T has been ongoing since 1990. Below is a snapshot of the AT&T spreadsheet for these services at Mansfield. The actual spreadsheet is 300+ pages long. We will send a copy of this spreadsheet upon request.

BillingTelephone Number	Initial Service Date	Service Address	Product Indicator Description	USOC	USOC Rate	Equipment Activity Date	Circuit Number
8174735600976	3/1/1990	6065 RETTA MANSFIELD RD	900/976 CALL REST INITIAL	CREXN	\$0.00	8/9/2013	4538176599 01
8174735600976	3/1/1990	6065 RETTA MANSFIELD RD	EUCL-BUS MULTI-LINE	9ZR	\$5.73	8/9/2013	4538176599 01
8174735600976	3/1/1990	6065 RETTA MANSFIELD RD	LNP BUSINESS PLEXAR	NSREX	\$0.00	8/9/2013	4538176599 01
8174735600976	3/1/1990	6065 RETTA MANSFIELD RD	MISCELLANEOUS USOCs	NW1TD	\$0.00	8/9/2013	4538176599 01
8174735600976	3/1/1990	6065 RETTA MANSFIELD RD	OPTIONAL FEATURES	SHWCF	\$9.50	8/9/2013	4538176599 01
8174735600976	3/1/1990	6065 RETTA MANSFIELD RD	OPTIONAL FEATURES	SW8D1	\$0.00	8/9/2013	4538176599 01
8174735600976	3/1/1990	6065 RETTA MANSFIELD RD	PLEX CUST DIG DMS100 A LN CARD	STWLA	\$0.00	8/9/2013	4538176599 01
8174735600976	3/1/1990	6065 RETTA MANSFIELD RD	TOUCHTONE-OTHER/WATS	TTS	\$0.00	8/9/2013	4538176599 01
8174735600976	3/1/1990	1016 MAGNOLIA ST	ACCESS LINE	TCPCX	\$0.00	8/2/2013	
8174735600976	3/1/1990	1016 MAGNOLIA ST	TEXAN- TRUNK FLAT	WNRG3	\$22.36	8/2/2013	

High speed circuits were installed in Mansfield as far back as 2001 under the Texas State Contract created under House Bill 2128 at school sites that existed at that time. Each year, the number of circuits increased as the district grew and converted to Opt-e-man circuits as they became available in 2004. The Opt-e-man circuits transitioned to Gigaman circuits as they became available at specific sites in 2010. Consequently, the establishing Form 470 would be 470 #573040000783265 for the majority of the services requested. (See spreadsheet attached.) Again, those services should have been approved as they have always been.

In all years, the district specified the services they were seeking on the Form 470 and implemented the requested services upon funding for the services as stated above.

SUMMARY:

Based on the facts detailed above and the documents attached, we respectfully request that this appeal be granted and the erroneous rescinding of the services for FY 2011-2012 and FY 2012-2013, and denying of funding for FY 2013-2014 be overturned and the applications reinstated.

Respectfully submitted,



Jane Kellogg, M.Ed
President
Certified E-rate Management Professional, CEMP
Kellogg & Sovereign Consulting, LLC

Attachments:

- A. Notification of Commitment Adjustment Letters, Funding Years: 07/01/2011-06/30/2012, 2012-2013 and Funding Commitment Decision Letter for 07/01/2013-06/30/2014
- B. MISD TECH PLANS 2010-2013 (FY 2010, FY 2011, FY 2012, FY 2013)
- C. 2011 Schools and Libraries Eligible Services List Extract
- D. MISD Form 470's 2010-2013 (Form 470's FY 2010, FY 2011, FY 2012, FY 2013)
- E. Expert IT Consulting Companies Reports
 - a. CISCO NETWORK FINDINGS MISD 2009
 - b. MISD Huckabee Facility Assessment
 - c. EST Group
 - d. MISD INSIGHT DIR VOIP LIST
- F. News Briefs – Schools and Libraries, December 3, 2010 and December 9, 2011
- G. FCC Ysleta Order
- H. FCC Queen of Peace Order
- I. Texas DIR (Department of Information Resources) TEX-AN Service Provider Contracts Detail
- J. AT&T INTERSTATE
 - a. AT&T ILEC Interstate Tariff for Texas HB 2128 Network Services Agreements Sample
- K. Network Listings
 - a. MISD AT&T Network Services Agreements
 - b. MISD Gigaman Circuits

- L. MISD Budget Documents
 - a. MISD 2011 Audit Report
 - b. MISD 2012-2013 Audit Report
 - c. MISD FY 2013-2014 Adopted Budget Book
- M. Letter of Agency for Kellogg & Sovereign[®] Consulting, LLC

B. Technology Plans FY 2010, FY 2011, FY 2012, FY 2013

MANSFIELD ISD Technology Plan

2010 - 2011

BOB MORRISON

SUPERINTENDENT

DISTRICT PROFILE

ESC Region 11
City, State Zip MANSFIELD, TX 760631794
Phone (817) 299-6300
Fax (817) 473-5349
County District Number 220908

Number of Campuses	43
Total Student Enrollment	31680
District Size	25,000 - 49,999
Percent Econ. Disadvantaged	36.00%

Technology Expenditures	\$10,461,053.00	
Technology budgets reported in plan by category	Teaching and Learning Budget	\$2,073,266.00
	Educator Preparation and Development Budget	\$940,546.00
	Leadership, Administration and Support Budget	\$5,000.00
	Infrastructure for Technology Budget	\$7,442,241.00
	Total:	\$10,461,053.00
Technology Expenditure Per Pupil	\$330.21	
Number of Campuses with Direct Connection to Internet	39	
Percentage of Campuses with Direct Connection to Internet	90.70%	
Number of Classrooms with Direct Connection to Internet	2466	
Percentage of Classrooms with Direct Connection to Internet	100.00%	
Computer/Student Ratio	3 student(s) for every computer	
Computer/Teacher Ratio	1 teacher(s) for every computer	
Number of campuses that need to complete the Texas Campus STaR Chart	38	
Percentage of campuses that have completed the Texas Campus STaR Chart	100.00 %	

Plan Introduction

Plan Last Edited 02/04/2010

Plan status:	approved
Years Included in the Plan:	2010 - 2011
Number of years covered by the plan:	1
Years Approved for the Plan:	2010 - 2011
Number of approved years:	1

Technology Planning Committee

Dr. Doug Brubaker - Assistant Superintendent, Technology Development
 Kelly Campbell - Elementary Principal
 Tonia Chaney - Elementary Teacher
 Cathy Cobos - High School Associate Principal
 Yvonne DaVault - Director ESL/BIL
 Derrell Douglas - Middle School Principal
 Shelley Freeman - Director of Purchasing
 Carrie Garcia - Parent
 Amy Haynes - Elementary Librarian
 Tamar Hyatt - Parent
 Dr. Sarah Jandrucko - Area Superintendent
 Beth Light - School Board Trustee
 LouAnn Long - Parent
 Gail Marlin - Instructional Technology Specialist
 Chris Moad - Assistant Superintendent of Finance
 Janice North - Director, Instructional Technology
 Donna O'Brian - Intermediate Principal
 Janice Overstreet - Teacher
 Teretha Patterson - Director, Technology Operations
 Pam Pinkerton - High School Librarian
 Karen Swanson - Middle School Librarian
 Emily Young - Instructional Technology Specialist

Executive Summary

The importance of technology in education is undeniable and acknowledged at the state and national level. Standards and funding are addressed nationally, and statewide. Our plan addresses these expectations and aligns with the Texas Long Range Plan for Technology, the Texas Star Chart, and No Child Left Behind. MISD is committed to meeting the needs of students, teachers, and administrators as they focus on instructional goals and build technology skills. With this plan as a guide we will work to provide equitable access to the use of technology as we enable students to become lifelong learners.

Needs Assessment

Assessment Process:

Mansfield ISD conducts needs assessments annually to complete a systematic review of the current technology needs, performance, and organization. Each spring a survey is sent to more than 2,000 teachers to gather feedback on technology that affects the classroom. Additional assessments by focus groups provide valuable information that guide planning and decisions. Interviews with building principals and the technology department also help in the analysis of infrastructure, hardware, software, programs, courses, student achievement, technology resources, staff development, and technical support.

Existing Conditions:

Mansfield ISD serves 31682 students on 43 campuses. At present the student/computer ratio is 3:1, and the teacher/computer ratio is 1:1. All classrooms have a direct connection to the Internet and are connected to the WAN. Each computer receives Internet and email services. Campus technical support at grades K-8 is staffed with one technician per five campuses. Each high school is staffed with a full time technician. Every campus has access to Infinite Campus, a web-based student information and attendance program. All parents and teachers have access to a web-based grade book in Infinite Campus. Each administrator has access to data management software for student assessment to meet NCLB requirements and state expectations.

MISD uses Novell/Groupwise networking and email software. All campuses have access to Eduphoria, an online work order system that allows all district staff to notify the technology department about technology needs and issues.

The implementation of a new data center, and replacement of aging servers is increasing network reliability and stability. Related improvements such as switch replacements and electrical improvements will also help achieve network reliability.

Technology Needs:

The technology plan's goals, objectives, and strategies are guided by the MISD technology priorities: rebuilding the infrastructure, modernizing the classroom, making decisions based on data and research, and improving customer service. The technology team, instructional technology specialists, and library media specialists collaborate to provide the appropriate resources necessary for teachers that will help them as they integrate technology into the curriculum and instruction.

Goals, Objectives, and Strategies

GOAL 1: Teachers and students will consistently and appropriately utilize technology as a tool integrated into the curriculum to create a technology learning environment that will increase student academic achievement, expand technology literacy, and improve accountability.

OBJECTIVE 1.1:

Target 100% accountability for the appropriate integration of technology into all curriculum areas to foster innovative and engaging learning for all learners.

Budget Amount \$33,597.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER01, ER02

NCLB Correlates: 01, 02, 03, 04a, 04b, 05, 06, 07, 08, 09, 10, 11, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.1.1:	Provide all campuses with access to content management system, and webinar software to overcome obstacles related to time and place. LEALRPT Correlates: EP01, EP02, EP03, EP04, EP08, EP09, I01, I03, I05, I09, LAS01, LAS05, LAS10, LAS15, TL05, TL08, TL09, TL13, TL16	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development, Director of Instructional Technology	Increased number of K-12 teachers, specialists, and administrators using content management system and webinar software for teaching and learning.
1.1.2:	Continue providing student storage, email and web 2.0 tools for all 5th-8th grade students. LEALRPT Correlates: EP04, EP08, I01, I05, I09, LAS15, TL01, TL05, TL08, TL09, TL13, TL16	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Director of Instructional Technology	5th-8th grade students and teachers will have access to subscription service providing storage, email and web 2.0 tools.
1.1.3:	Investigate implementation of student storage, email and web 2.0 tools for K-12 campuses for teaching Internet safety, appropriate Internet behavior and ethics. LEALRPT Correlates: I03, I05, I09, LAS10, LAS15, TL01, TL05, TL08, TL09, TL13, TL16	State: Original Status: Planned	2010-2011	Assistant Superintendent of Technology Development Director of Instructional Technology	100% of K-12 students have access to student storage, email and web 2.0 tools for teaching Internet safety, appropriate Internet behavior and ethics.
1.1.4:	Develop resources and activities infusing technology integration and real-world application to enrich learning experiences for all students. LEALRPT Correlates: I09, LAS01, LAS10, TL01, TL05, TL16	State: Original Status: In Progress	2010-2011	Instructional Technology Director ESL/BIL Director Curriculum Coordinators Instructional Specialists	Yearly updating of curriculum frameworks and resources.
1.1.5:	Instructional leaders continue monitoring the integration of the Technology Application TEKS into all foundation curricula through updating online curriculum frameworks, collaboration, staff development, and	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Assistant Superintendent	Curriculum framework includes Technology Applications TEKS in all foundation curriculum. Classroom walkthroughs show evidence of TA TEKS

	classroom walkthroughs. LEALRPT Correlates: EP01, EP09, I09, LAS01, LAS03, LAS10, LAS13, TL01, TL03, TL05, TL06, TL09, TL14, TL16			of Curriculum, Instruction and Assessment Instructional Technology Director Curriculum Coordinators Instructional Specialists	in foundation curriculum. Instructional Specialists collaborate with curriculum coordinators and teachers in TA TEKS integration in foundation curriculum.
1.1.6:	Improve access to technology by providing all campuses with mobile presentation carts. LEALRPT Correlates: EP04, I09, LAS05, LAS10, TL05, TL08	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Director of Technology Operations Instructional Technology Director	Increased number of classrooms having mobile presentation carts by 1/3 over previous year.
1.1.7:	Continue adding Technology Applications course to all K-8 campuses. LEALRPT Correlates: LAS05, LAS10, TL01, TL03, TL05, TL06, TL08, TL09, TL13, TL14	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Curriculum, Instruction and Assessment Area Superintendents Instructional Technology Director	Technology Applications course added to 3 additional K-4 campuses.
1.1.8:	Increase student awareness of recognition of student AUP, copyright standards, and use of Internet safety curriculum to address cyber-bullying and Internet safety. LEALRPT Correlates: TL01, TL03, TL05, TL06, TL09, TL13, TL14	State: Original Status: Planned	2010-2011	Instructional Technology Director Instructional Specialists Technology Applications Teachers	Minimum of 70% passing rate for all students utilizing online curriculum and assessment tools.
1.1.9:	Tailor content filtering system to meet the needs of student, teacher and administrators. LEALRPT Correlates: I01, I05, I09, LAS08, LAS15, TL08, TL09, TL11, TL13	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Instructional Technology Director Network team	Content filtering system is setup, maintained and regularly evaluated to meet needs of student, teacher and administrators.
1.1.10:	Provide campuses with necessary software, hardware, and access to training to fully integrate technology into classroom. LEALRPT Correlates: EP01, EP02, EP04, EP06, EP08, I01, I04, I05, I06, I07, I08, I09, LAS01, LAS02, LAS03, LAS05, LAS10, TL05, TL08, TL09, TL12, TL13	State: Original Status: Planned	2010-2011	Assistant Superintendent of Technology Development Director of Technology Operations Instructional Technology Director	Campuses have 100% access to teacher computers, student computer labs, productivity software, email, Internet access and staff development throughout school year, both face-to-face and web-based.

OBJECTIVE 1.2:

100% of all stakeholders will have access to all necessary technology resources to meet the needs of 21st century learners.

Budget Amount \$2,032,340.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER01, ER02

NCLB Correlates: 01, 02, 03, 04a, 04b, 05, 06, 07, 08, 09, 10, 11, 12

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.2.1: Provide all campuses with access to content management system, and webinar software for teaching and learning to overcome obstacles related to time and place. LEALRPT Correlates: EP08, EP09, I01, I03, I05, I09, LAS03, LAS10, LAS13, LAS15, TL01, TL05, TL08, TL09, TL12, TL13, TL16	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Director of Technology Operations Instructional Technology Director	Increased usage of content management system and webinar software by K-12 teachers, library media specialists, instructional specialists and administrators.
1.2.2: Offer accredited classes through MSD Virtual School to provide flexible and interactive online classes to overcome obstacles related to time and place. LEALRPT Correlates: I01, I05, LAS13, LAS15, TL08, TL09, TL12, TL13	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Assistant Superintendent of Curriculum, Instruction and Assessment Director of Student Services	All students have access to interactive online classes offered through MSD Virtual School.
1.2.3: Provide adaptive equipment, assistive devices, and training for special needs students and their teachers. LEALRPT Correlates: I05, I09, LAS10, TL06, TL09	State: Original Status: In Progress	2010-2011	Director of Special Education Special Education Coordinators Related Services Personnel	100% of all students requiring adaptive equipment and assistive devices through their IEP will have necessary resources.
1.2.4: Provide presentation carts and staff development for innovative delivery of classroom content. LEALRPT Correlates: EP01, EP03, I01, I04, I09, LAS03, LAS10, LAS15, TL01, TL05, TL08	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Director of Technology Operations Instructional Technology Director	Increased number of presentation carts at campuses.
1.2.5: Provide mobile devices for targeted student groups to meet TEKS standards, enhance learning, and improve student engagement, and related staff development and instructional support.	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Director or ESL/BIL	Increased usage of hand-held mobile devices in early childhood, Science, Math content by ELL students.

	LEALRPT Correlates: EP01, EP03, EP04, EP09, I01, I02, I04, I05, I09, LAS03, LAS10, LAS15, TL01, TL05, TL08, TL09, TL12, TL13			Instructional Technology Director Curriculum Coordinators	
1.2.6:	Continue program to provide technology incentives to teachers and campuses meeting the SBEC technology standards for teachers. LEALRPT Correlates: EP04, EP06, I04, I09, LAS03, LAS10, LAS13, LAS15	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Instructional Technology Director	15-20% of staff will earn Texas Teacher Technology Competency certified each year through ESC Region 11 and MISD's Title IID Shared Service Agreement (Texas TTCC program).
1.2.7:	Update and maintain an online list of district approved hardware and software LEALRPT Correlates: LAS08	State: Original Status: In Progress	2010-2011	Assistant Superintended of Technology Development Director of Technology Operations	100% access to an up-to-date online list of district approved hardware and software.
1.2.8:	Research options for new district email system that offers greater functionality for users. LEALRPT Correlates: I01, I05, I08, TL08	State: Original Status: Planned	2010-2011	Assistant Superintendent of Technology Development	Data collected for decision-making on which system meets districts stakeholders' needs.
1.2.9:	Develop district standards for hardware, software and web-based resources. LEALRPT Correlates: I07, I09, LAS05, LAS15	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development	Digital Review Process and district standards available for all staff.
1.2.10:	Continue utilizing student information system, District email, and web-based resources to share lessons, monitor student progress and communicate with District stakeholders. LEALRPT Correlates: I01, I08, LAS09, LAS11, LAS14, TL15	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Instructional Staff and Campus Administrators	100% of parents and students have access to grades, campus information and lessons through online student information system.
1.2.11:	Continue implementation of secure, password protected portal for parent and student access to attendance, student grades, assignments, and activities. LEALRPT Correlates: I05, LAS11, LAS14, TL15, TL16	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development PEIMS Coordinator and Specialists Instructional Technology Director	All parents and students have password protected access to attendance, grades, assignments and activities.
1.2.12:	Continue to provide library automation, online database, and checkout systems to all school libraries for classroom access by students and staff. LEALRPT Correlates: I01, I08, I09, LAS09, LAS15, TL09, TL10, TL11	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Instructional Technology Director	All students and teachers will have access to online reference resources, and automated library system.
1.2.13:	Provide a technology replacement plan	State:	2010-	Assistant	A three stage plan for

	to modernize and optimize the classroom. LEA LRPT Correlates: I04, I05, I07, I09	Original Status: In Progress	2011	Superintendent of Technology Development Director of Technology Operations Instructional Technology Coordinator	computer replacement will be implemented that will provide new computers for teacher and student computer labs, libraries and classrooms in three phases.
1.2.14:	Continue to partner with North Texas Consortium and Fort Worth ISD Adult Education Department to provide MISD's community with adult basic education classes. LEA LRPT Correlates: LAS09, LAS13, TL15	State: Original Status: In Progress	2010-2011	Director of ESL/BIL	Adult basic education classes offered during school year at Ben Barber Career Tech Center
1.2.15:	Provide campuses with online reference, research, and multimedia resources to assist in teaching students information literacy and Technology Applications knowledge and skills. LEA LRPT Correlates: EP04, I05, I08, I09, LAS09, TL08, TL10, TL11, TL12, TL13	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Instructional Technology Director	All students and teachers will have access to Gale Virtual Resource Library, Discovery Streaming and other online reference resources through ESC Region 11 and the state.
1.2.16:	Continue providing multimedia teaching and learning resources to all MISD students and staff, including audio, video and graphic resources. LEA LRPT Correlates: EP01, EP08, I05, I09, LAS15, TL05, TL08, TL09, TL10, TL11, TL12, TL13	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Instructional Technology Director Instructional Technology Specialists Library Media Specialists	All students and staff have access to Discovery Streaming, and PowerMedia Plus online resources for teaching and learning.
1.2.17:	Implement and use selected library automation system for circulation, inventory, fines, and holdings. Annual maintenance and support will be provided. LEA LRPT Correlates: I05, TL10, TL11	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Instructional Technology Director	All students and staff will have access to automated library system for circulation, inventory, fines and holdings.
1.2.18:	Provide teachers and administrators access to online curriculum framework and teaching resources that inform and differentiates instruction for every student. Provide parents will online access to curriculum framework, scope and sequence. LEA LRPT Correlates: I08, I09, LAS09, TL14, TL15	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Curriculum, Instruction, and Assessment Curriculum Coordinators	Curriculum frameworks and related documents available on Internet and Intranet.
1.2.19:	MISD will provide access to Technology Applications courses at all high	State: Original	2010-2011	Assistant Superintendent	Course offerings posted on MISD website.

	schools. LEA LRPT Correlates: TL02, TL03, TL05	Status: In Progress		of Curriculum, Instruction, and Assessment Director of Career and Technology	
1.2.20:	Provide all campuses with access to content management system, and webinar software to overcome obstacles related to time and place. LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP08, EP09, I01, I03, I05, I09, LAS01, LAS05, LAS10, LAS15, TL05, TL08, TL09, TL13, TL16	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development, Director of Instructional Technology	Increased number of K-12 teachers, specialists, and administrators using content management system and webinar software for teaching and learning.
1.2.21:	District will utilize web-based communication resources to promote parent involvement, and increase communication. LEA LRPT Correlates: I01, I03, I05, I08, LAS09, LAS11, LAS13	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Assistant Superintendent of Public Information Director of Public Information	Staff and community access/usage of MISD Messenger, MISD blog, student information system, campus/district web pages, resource portal.
1.2.22:	Expand usage of brain fitness software on all K-12 campuses. LEA LRPT Correlates: I01, I05, I09, LAS05, LAS14, LAS15, TL05, TL09, TL13	State: Original Status: Planned	2010-2011	Assistant Superintendent of Curriculum, Instruction, and Assessment Campus administrators Fast ForWord Campus Team	Campuses have increased the number of students utilizing the program.
1.2.23:	Library Media Specialists will update the MISD Library/Media Service Manual to include the Texas School Library Standards, the Texas Long Range Plan for Technology, and the MISD Technology Plan. LEA LRPT Correlates: LAS01, LAS02, LAS03, LAS09, TL10, TL11, TL12	State: Original Status: Planned	2010-2011	Instructional Technology Director Area Library Media Representatives	Updated document posted on MISD website by May 2011

OBJECTIVE 1.3:

100% of 8th grade students will satisfactorily achieve appropriate levels in Technology Applications assessment

Budget Amount \$7,329.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER01, ER02

NCLB Correlates: 01, 02, 03, 04a, 05, 06, 07, 08, 09, 11, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.3.1:	Research and explore implementation of Technology Applications	State: Original	2010-2011	Instructional Technology	Data provided to Tech Advisory Committee to

	benchmarking for grade 4. LEA LRPT Correlates: LAS07, LAS08, TL04, TL06, TL07	Status: Planned		Director	determine which resource to choose.
1.3.2:	Continue implementation of Technology Applications assessment for grade 8. LEA LRPT Correlates: TL04, TL06, TL07	State: Original Status: In Progress	2010-2011	Instructional Technology Director	Pre- and Post- Technology Applications assessment data for all 8th grade students.
1.3.3:	Work with Tech Advisory Committee to plan and implement a district-wide Internet Safety Week to provide a focus and instruction on Internet/Online Safety, Cyber-bullying and Ethical behavior for all students LEA LRPT Correlates: I03, LAS07, TL05, TL11, TL14	State: Original Status: Planned	2010-2011	Instructional Technology Director MISD Tech Advisory Committee Instructional Technology Specialists Curriculum Coordinators	Internet Safety Week on district calendar, community program, integration in classroom activities.

GOAL 2: Mansfield ISD will provide on-going, accessible professional development in a variety of formats for all employees to promote technological literacy while providing strategies for technology integration to insure student academic success, including regional and state training.

OBJECTIVE 2.1:

100% of all MISD employees will increase technology literacy skills based on Technology Application TEKS and SBEC Teacher technology standards.

Budget Amount \$12,915.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER01, ER02

NCLB Correlates: 01, 02, 03, 04a, 04b, 05, 06, 07, 08, 11, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.1.1:	Provide ongoing training and support district software programs and initiatives in collaboration with content curriculum coordinators LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP06, EP08, EP09, LAS06, TL01, TL05, TL08, TL09	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Instructional Technology Director Instructional Technology Specialists Curriculum Coordinators	Staff development offerings in online registration system and district staff development calendar.
2.1.2:	Continue providing professional development for administrators as access to technology becomes available. LEA LRPT Correlates: EP04	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Instructional Technology Director Administrator Trainer	Yearly administrator training survey; online workshop registration system; regularly scheduled meetings with individual administrator for 1:1 assistance.
2.1.3:	Provide ongoing, innovative staff development for teachers and campus representatives for the integration of Technology Applications into foundation and enrichment TEKS through face-to-face, self-paced, online resources, and webinar training sessions through district, regional and state staff development. LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP06, EP07, EP08, EP09, LAS06, TL01, TL05, TL08, TL11	State: Original Status: In Progress	2010-2011	Instructional Technology Director Curriculum Coordinators Instructional Specialists	Staff development offerings and district staff development calendar.
2.1.4:	Continue partnering with ESC Region 11 to provide opportunities for professional staff to earn certificate demonstrating knowledge and skills to meet the SBEC Technology Application standards for teachers.	State: Original Status: In Progress	2010-2011	Instructional Technology Director	Title IID Shared Service Agreement; Texas Teacher Technology

	LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP06, EP07, EP08, EP09, LAS06, LAS10				Competencies Certification program participation; Utilization of educational technology staff development - superintendent's report of MISD staff registration
2.1.5:	Provide a flexible professional development program, face-to-face, online, and at ESC Region 11 to prepare teachers and new staff to use technology within 18 months of employment. LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP06, EP07, EP08, EP09, LAS06, LAS10, TL01, TL05, TL08	State: Original Status: In Progress	2010- 2011	Assistant Superintendent of Technology Development Instructional Technology Director	Staff participation in Region 11 EdTech Staff Development.

OBJECTIVE 2.2:

100% of teachers will have opportunities to explore innovative teaching strategies by attending staff development, participating in online learning communities, and mentoring.

Budget Amount \$927,631.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER01, ER02

NCLB Correlates: 01, 02, 03, 04a, 04b, 05, 06, 07, 08, 11, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.2.1:	Provide coordinators, specialists, librarians, teachers and administrators the opportunity to attend local, area and state technology conferences. LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP06, EP07, LAS06, LAS10	State: Original Status: In Progress	2010- 2011	Instructional Technology Director	Information about TCEA area and state conferences shared through district email; budget.
2.2.2:	Provide Instructional Technology Specialists to each Curriculum Coordinator to train and support teachers in the integration of technology in their content area. LEA LRPT Correlates: EP01, EP02, EP04, EP08, EP09	State: Original Status: In Progress	2010- 2011	Instructional Technology Director	Each Instructional Technology Specialists collaborates with content curriculum coordinators to provide training throughout the year and during summer curriculum conference.
2.2.3:	Provide an Instructional Technology Specialist for every 4-6 campuses to assist with innovative teaching strategies in technology integration, technology literacy and district technology initiatives. LEA LRPT Correlates: EP01, EP03, EP04, EP08,	State: Original Status: In Progress	2010- 2011	Assistant Superintendent of Technology Development Instructional	1 Instructional Technology Specialist for every 4-6 campuses

	EP09			Technology Director	
2.2.4:	Build capacity of K-8 Technology Applications teachers in Technology Applications curriculum and professional staff development through training, professional learning communities, mentoring, and partnership with ESC Region 11 to provide Technology Applications and Master Technology teacher certification programs. LEALRPT Correlates: EP01, EP02, EP04, EP06, EP07, EP09	State: Original Status: Planned	2010-2011	Instructional Technology Director Instructional Technology Specialists	Meeting agendas, ESC 11 Staff development report, MISD instructional technology training report.
2.2.5:	Implement new online staff development registration system for all MISD staff to access professional development, registration, and transcript information. Comments: Eduphoria Workshop; Title IID stimulus funds LEALRPT Correlates: EP04, EP08, I01, I02, I05, I09, LAS06	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Instructional Technology Director Technology Project Specialist	New system implemented by February 2010 providing course offerings, registration, online staff development
2.2.6:	Utilize campus/District Star Chart data to document teacher mastery of the Technology Applications Educator Standards, identify equipment and training needs, and guide planning for technology implementation and staff development for the District. LEALRPT Correlates: EP03, EP04, EP05, I01, I03, I08, LAS01, LAS03, LAS07, LAS08	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Assistant Superintendent of Curriculum, Instruction, and Assessment DEIC Committee Director of Technology Operations Instructional Technology Director Technology Advisory Committee	Improvement toward Target Tech

GOAL 3: All Mansfield ISD administrators will provide effective leadership in integrating technology into the curriculum and insure technology literacy for all MISD stakeholders.

OBJECTIVE 3.1:

MISD will have a comprehensive Technology Plan that establishes clear goals and strategies for integrating technology into the curriculum to insure student academic achievement.

Budget Amount \$0.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01, ER02

NCLB Correlates: 01, 02, 03, 04a, 04b, 05, 06, 07, 08, 09, 10, 11, 12

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
<p>3.1.1: District Technology Advisory Committee comprised of MISD educators, administrators, library media specialists, parents, business and community members will meet four times a year to review, discuss and revise the MISD District Technology Plan.</p> <p>LEA LRPT Correlates: LAS01, LAS02, LAS03, LAS04, LAS05, LAS07, LAS08, LAS09, LAS10, LAS11, LAS12, LAS13, LAS14, LAS15, TL10, TL11</p>	<p>State: Original</p> <p>Status: Planned</p>	2010-2011	Assistant Superintendent of Technology Development	Scheduled meetings, agendas, and sign-in sheets.
<p>3.1.2: MISD will continue to maintain an updated Acceptable Use Policy (AUP) for all employees and students in compliance with Local MISD Policy and the Children's Internet Protection Act.</p> <p>LEA LRPT Correlates: LAS02</p>	<p>State: Original</p> <p>Status: In Progress</p>	2010-2011	Assistant Superintendent of Technology Development Assistant Superintendent of Personnel	Posted on MISD website for staff, students and parents.
<p>3.1.3: Create a Cyber Safety Advisory Committee that will meet four times a year to plan, review, discuss and revise the implementation of the District Cyber Safety Week.</p> <p>LEA LRPT Correlates: LAS01, LAS02, LAS07, LAS10, LAS13, TL14</p>	<p>State: Original</p> <p>Status: Planned</p>	2010-2011	Instructional Technology Director MISD Tech Advisory Committee	Meeting agenda & reports; Cyber Safety Week on district calendar.
<p>3.1.4: Library Media Specialists will update the MISD Library/Media Service Manual to include the Texas School Library Standards, the Texas Long Range Plan for Technology, and the MISD Technology Plan.</p> <p>LEA LRPT Correlates: LAS01, LAS02, LAS03, LAS09, TL10, TL11, TL12</p>	<p>State: Original</p> <p>Status: Planned</p>	2010-2011	Instructional Technology Director Area Library Media Representatives	Updated document posted on MISD website by May 2011

OBJECTIVE 3.2:

All MISD campuses and departments will participate in formative evaluation, needs assessments, and data-driven decision making that allows for monitoring progress toward specific technology goals.

Budget Amount \$5,000.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01, ER02

NCLB Correlates: 01, 02, 03, 04a, 04b, 05, 06, 07, 08, 09, 10, 11, 12

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.2.1:	All MISD stakeholders will have the opportunity to participate in online surveys, focus groups and forums to provide input and evaluate technology in Mansfield ISD. LEA LRPT Correlates: LAS07, LAS08, LAS13	State: Original Status: Planned	2010-2011	Assistant Superintendent of Technology Development	Survey results; notes/reports from focus groups and forums. Decisions made based on gathered information.
3.2.2:	100% of MISD teachers and campuses will complete the Texas Star Chart assessment. LEA LRPT Correlates: EP05, LAS03	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Director of Technology Operations Instructional Technology Director Campus Administrators Instructional Technology Specialists	Star Chart District and Principal Report
3.2.3:	District's telecommunications services, technology professional development and technical support will be evaluated annually through appropriate evaluation methods. LEA LRPT Correlates: LAS08	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Director of Technology Operations Instructional Technology Director	Evaluation reports
3.2.4:	Coordinate and support use of AEIS-IT, student information and web-based IEP systems, and training for use of systems. LEA LRPT Correlates: LAS08, LAS09, LAS11, TL04, TL07, TL15	State: Original Status: Planned	2010-2011	Assistant Superintendent of Technology Development Assistant Superintendent of Curriculum, Instruction, and Assessment PEIMS Coordinator Special Education Director & Coordinators	Systems are accessible to staff and parents, training is provided.
3.2.5:	Continue partnership with ESC Region 11 and Texas Teacher Technology Competencies certification program (TTCC) for employee technology staff development, and evaluation of technology competencies as required by SBEC. LEA LRPT Correlates: EP01, EP02, EP04, EP06, EP07, EP08, LAS06, LAS10, LAS12	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Instructional Technology Director	Title IID Shared Service Agreement with ESC Region 11
3.2.6:	The District Technology Plan will be evaluated by the Tech Advisory Committee at least twice yearly for progress, additions, and revisions as new technologies become available. LEA LRPT Correlates: LAS01, LAS02,	State: Original Status: Planned	2010-2011	Assistant Superintendent of Technology Development Director of Technology Operations Instructional Technology Director	Meeting agenda & notes; updates of Technology Plan

	LAS03, LAS04, LAS05, LAS07, LAS08, LAS14			MISD Tech Advisory Committee	
3.2.7:	PEIMS submission data will be analyzed for PID errors, attendance rates, course completions, special program enrollments, dropout rates, personnel records and budgeting data. LEALRPT Correlates: LAS08	State: Original Status: In Progress	2010-2011	Associate Superintendent, Business & Government Affairs Assistant Superintendent, Finance/Construction PEIMS Coordinator	100% correct reflected in data submitted.
3.2.8:	MISD will utilize data from 8th grade Technology Literacy Assessment, and online curriculum frameworks to monitor and evaluate technology integration as recommended by the NCLB Act and Star Chart guidelines for "Target" Tech. LEALRPT Correlates: LAS08, TL04, TL06, TL07	State: Original Status: Planned	2010-2011	Associate Superintendent of Curriculum, Instructional and Assessment Assistant Superintendent of Technology Development Instructional Technology Director Curriculum Coordinators Technology Applications Teachers K-8	Passing score for all 8th grade students on Technology Literacy Assessment; evidence of technology integration as appropriate in curriculum frameworks.
3.2.9:	Research additional resources to ensure critical technology applications can be recovered in a timely manner including electronic student records, instructional materials, financial and personnel records, and communication systems such as web page and email. LEALRPT Correlates: I01, I02, I05, I06, I08, I09	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Director of Technology Operations Instructional Technology Director	Implementation of plan for critical data and systems recovery.
3.2.10:	The Career and Technology Community and Business Advisory committee will conduct a yearly evaluation of Career and Technology programs, and meet twice a year to plan for industry certifications to increase student success and preparation for their future careers. LEALRPT Correlates:	State: Original Status: In Progress	2010-2011	Director of Career and Technology Program Community and Business Advisory Committee	Implementations of new certification opportunities for students; additional

GOAL 4: The MISD Technology Development Department will continue to improve network stability, hardware quality and customer service.

OBJECTIVE 4.1:

Rebuild technology infrastructure.

Budget Amount \$3,841,949.00

LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 03, 05, 06

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.1.1:	Repair or replace cable plant at 16 MISD oldest campuses. LEA LRPT Correlates: I01, I05, I08	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development	Provide more reliable access to networked resources, and improved network performance at each campus.
4.1.2:	Construct data center to provide adequate power and cooling for new equipment in order to stabilize the network core. LEA LRPT Correlates: I01, I05, I08	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development	Network uptime 99.999%
4.1.3:	Replace end-of-life servers. LEA LRPT Correlates: I01, I05, I06, I08	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development	System functions 99.999%
4.1.4:	Pilot desktop virtualization LEA LRPT Correlates: I01, I04, I05, I08, I09	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development	30 functioning systems in district.
4.1.5:	Upgrade telephone systems at nine campuses to IP phones. LEA LRPT Correlates: I01, I05, I08	State: Original Status: Planned	2010-2011	Assistant Superintendent of Technology Development Telecommunications Tech	99.999% access & uptime of IP phones at designated nine campuses.
4.1.6:	Provide all campuses with Gigaman connection to the Internet. LEA LRPT Correlates: I01, I06, I08	State: Original Status: Planned	2010-2011	Assistant Superintendent of Technology Department Telecommunications Tech	Bandwidth expanded by factor of 10.

OBJECTIVE 4.2:

Modernize classrooms.

Budget Amount \$1,453,691.00

LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 03, 05, 06

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.2.1: Replace end-of-life desktops in three phases. LEALRPT Correlates: I04, I05, I07, I09	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Director of Technology Operations	Teacher desktops and student computer labs replaced with new computers; removal and re-purposing of those computers on campus.
4.2.2: Add wireless network to all instructional spaces. LEALRPT Correlates: I01, I05, I06, I08	State: Original Status: Planned	2010-2011	Assistant Superintendent of Technology Department	100% campuses have wireless access.
4.2.3: Expand digital instructional tools such as hand-held mobile devices, interactive tables, and virtual desktops at all campuses. LEALRPT Correlates: I02, I03, I04, I09	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Director of MISD Grant Foundation	Decrease in ratio of students to digital devices.
4.2.4: Continue to participate in regional and state-wide telecommunications network to provide access to online and distance learning access for students, teachers, and administrators. LEALRPT Correlates: EP01, EP04, EP06, EP08, I01, I02, I05, I06, I09, LAS05, LAS06, LAS13, LAS15, TL08, TL09, TL10, TL12, TL13	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Instructional Technology Director	All MISD staff have 100% access to RETN and TETN resources.

OBJECTIVE 4.3:

Use data, best practices, and industry standards to make technology decisions.

Budget Amount \$18,000.00

LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 03, 04a, 06, 11, 12

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.3.1: Implement digital review process and pilot use of technology hardware, software and web-based resources prior to large scale deployment. LEALRPT Correlates: I01, I04, I05, I06, I08, I09, TL08, TL09, TL10, TL11, TL12, TL13, TL15, TL16	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Development Director of Technology Operations	Zero failed implementations.

OBJECTIVE 4.4:

MISD will support and maintain the technology hardware, systems, and infrastructure.

Budget Amount \$2,128,601.00

LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 05, 06, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.4.1:	Provide one technician per high school campus, and one technician for every 4-5 campuses. LEA LRPT Correlates: I01, I02, I04, I05, I06, I08, I09, LAS04, LAS05, TL09	State: Original Status: Planned	2010-2011	Assistant Superintendent of Technology Director of Technology Operations Director of Instructional Technology	1:1 for high school campuses, 1:5 for K-8 campuses
4.4.2:	Provide Internet filter, network software, email and anti-virus solutions to support district. LEA LRPT Correlates: I01, I02, I05, I08, LAS02, LAS04, LAS14, TL09	State: Original Status: In Progress	2010-2011	Assistant Superintendent of Technology Director of Technology Operations Director of Instructional Technology	99.999% uptime

Budget

Total amount of Title II, Part D formula funds received for the current year of this plan: \$12,915.00

Method of application for formula funds: Application via a Title II, Part D shared services arrangement or cooperative

Budget year 2010		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$944,546.00	Local 99% Title IID 1%
Telecommunications & Internet Access	\$244,518.00	Technology Funds 27% Local 73%
Materials & Supplies	\$3,135,449.00	Stimulus 100%
Equipment	\$2,803,270.00	Technology Funds 32% Stimulus 68%
Maintenance	\$288,976.00	Technology Funds 62% Local 38%
Miscellaneous Expenses	\$3,044,294.00	Stimulus 18% Local 78% Technology Funds 3% Additional Request 1%
Total	\$10,461,053.00	

Evaluation

Evaluation Process:

Evaluation of the Technology Plan will be an ongoing process. Monthly status reports will be given to the School Board and at PDC (Principal, Director, Coordinator) meetings. Monthly update reports will be sent out to staff via email. Weekly updates will be given to Executive Council. The Technology Advisory Committee will receive reports quarterly.

Both the Technology Plan Committee and Technology Advisory Committee will perform an annual evaluation and update beginning in May and continuing through December submittal. Mansfield ISD's Star Chart results for each campus will be used to measure progress toward meeting the goals of the District's Technology Plan.

Evaluation Method:

The district reviews various forms of data each year to measure the progress toward our goals. We will continue to use a similar approach each year as we gather data about our technology program.

Data sources:

- Texas Star Chart
- Yearly staff survey
- Special focus groups
- Eduphoria Workorder System
- Technology pilot and testing data
- Staff development records (number of participants, number of session offered)
- Hardware and software inventories
- Technical support documents
- Staff development reports from ESC Region 11
- Yearly reports of MISD staff TTCC certifications
- Documentation of community and staff access, and interaction with District web pages, and social networks.

Appendix

Attachment item A:

Employee Acceptable Use Policy

- PDF file:  <http://www.mansfieldisd.org/departments/technology/pdf/aup.pdf>

Attachment item B:

Technology Applications Standards for All Beginning Teachers

- PDF file:  http://www.sbec.state.tx.us/sbeonline/standtest/standards/techapps_allbegtch.pdf

Attachment item C:

Student Acceptable Use Policy

- PDF file:  <http://www.mansfieldisd.org/departments/technology/pdf/studentaup.pdf>

Attachment item D:

Digital Review Process

- PDF file:  http://www.mansfieldisd.org/departments/technology/pdf/MSD_digital_review_process.pdf

MANSFIELD ISD does not discriminate on the basis of sex, disability, race, color, age, or national origin in its educational programs, activities, or employment as required by Title IX, Section 504 and Title VI.

MANSFIELD ISD Technology Plan

2011 - 2012

BOB MORRISON

SUPERINTENDENT

DISTRICT PROFILE

ESC Region 11
City, State Zip MANSFIELD, TX 760631794
Phone (817) 299-6300
Fax (817) 473-5349
County District Number 220908

Number of Campuses	43
Total Student Enrollment	32255
District Size	25,000 - 49,999
Percent Econ. Disadvantaged	36.73%

Technology Expenditures	\$29,962,409.75	
Technology budgets reported in plan by category	Teaching and Learning Budget	\$3,917,045.75
	Educator Preparation and Development Budget	\$825,017.00
	Leadership, Administration and Support Budget	\$0.00
	Infrastructure for Technology Budget	\$25,220,347.00
	Total:	\$29,962,409.75
Technology Expenditure Per Pupil	\$928.92	
Number of Campuses with Direct Connection to Internet	40	
Percentage of Campuses with Direct Connection to Internet	93.02%	
Number of Classrooms with Direct Connection to Internet	2482	
Percentage of Classrooms with Direct Connection to Internet	100.00%	
Computer/Student Ratio	3 student(s) for every computer	
Computer/Teacher Ratio	1 teacher(s) for every computer	
Number of campuses that need to complete the Texas Campus STaR Chart	39	
Percentage of campuses that have completed the Texas Campus STaR Chart	100.00 %	

Plan Introduction

Plan Last Edited 12/15/2010

Plan status:	approved
Years Included in the Plan:	2011 - 2012
Number of years covered by the plan:	1
Years Approved for the Plan:	2011 - 2012
Number of approved years:	1

Does the district file E-Rate? yes
Submitted plan PRIOR to posting 470.

Technology Planning Committee

Dr. Doug Brubaker - Assistant Superintendent, Technology Development
Janice North - Director of Instructional Technology
Kelly Campbell - Elementary Principal
Derrell Douglas - High School Principal
Michael Hill - High School Assistant Principal
Donna O'Brian - Intermediate Principal
Miller Beaird - Elementary Principal
Gail Marlin - Campus Support Coordinator
Cynthia Petty - Educational Technology Trainer
Ashley Coffman - Educational Technology Trainer
Beth Light - School Board Member
Darrell Sneed - Area Superintendent
Yvonne Davault - Director of ESL/BIL
Shelley Freeman - Director of Purchasing
Pamela Pinkerton - Library Lead
Carrie Pilant - Elementary Technology Applications Teacher
Shyrlene Shelton - Secondary Technology Applications Teacher
Paul Cash - Director of Student Services
DesMontes Stewart - Middle School Principal
David Gustafson - Parent

Executive Summary

The importance of technology in education is undeniable and acknowledged at the state and national level. Standards and funding are addressed nationally, and statewide. Our plan addresses these expectations and aligns with the Texas Long Range Plan for Technology, the Texas Star Chart, and No Child Left Behind. MISD is committed to meeting the needs of students, teachers, and administrators as they focus on instructional goals and building technology skills. With this plan as a guide we will work to provide equitable access to the use of technology as we enable students to become lifelong learners.

Needs Assessment

Assessment Process:

Mansfield ISD conducts an annual needs assessment in order to evaluate progress toward reaching district technology goals. Gathering data and collecting district feedback is an integral part of the needs assessment process. In order to gather relevant feedback from district stakeholders, we utilize a variety of methods. An annual survey is a key component of this process. Each spring a survey is sent to more than 2,000 teachers to gather feedback on technology that affects the classroom. Focus groups provide another source for providing valuable input. The information gained from the focus groups help guide planning and decisions. In addition, interviews with building principals allow us to target specific campus needs and concerns to support student achievement and teacher productivity. Ideas for revisions to the plan and ideas for new initiatives come from these meetings.

Data is also collected through the completion of the Texas StaR Chart. All teachers, librarians and principals complete the chart each year. Administration reviews the results; this data is then used in planning and budgeting. Throughout the year the technology department works with district administrative personnel to analyze software, hardware, programs, courses, technology resources, staff development, and technical support to identify areas for improvement and determine areas for change.

Existing Conditions:

Mansfield ISD serves 32,225 students on 43 campuses. Two of the campuses will open in 2011-2012 and the third the Fall of 2012. At present the student/computer ratio is 3:1, and the teacher/computer ratio is 1:1. All classrooms have a direct connection to the Internet and are connected to the WAN. Each computer receives Internet and email services. Campus technical support at grades K-8 is staffed with one technician per five campuses. Additionally, each high school is staffed with a full time technician. Every campus has access to Infinite Campus, a web-based student information and attendance program. All parents and teachers have access to a web-based grade book in Infinite Campus. Each administrator has access to data management software for student assessment to meet NCLB requirements and state expectations. MISD uses Microsoft networking and email software. All campuses have access to an online work order system that allows all district staff to notify the technology department about technology needs and issues. Employees also have access to additional system components: The workshop piece is for registering for and tracking professional development opportunities and a PDAS piece is used for teacher evaluation.

Students K-8 are enrolled in Technology Applications classes district-wide. The goal for all students is to meet the Texas Technology Applications standards at each grade level. As part of this goal a yearly assessment is administered for all eighth graders. This helps guide technology program choices for students throughout the district. The Educational Technology team provides support for teachers and administrators in the area of instructional technology. The continued infrastructure upgrades and replacements have contributed to a more reliable and robust network which is currently in place. Related improvements such as switch replacements and electrical improvements have helped ensure operational efficiency. A district-wide plan to modernize classrooms with interactive technology has provided teachers and students with new learning opportunities that will prepare them for 21st century.

Technology Needs:

The technology plan's goals, objectives, and strategies are guided by MISD technology priorities.

Rebuilding the Infrastructure:

- Replace wiring
- Replace and update switches
- Provide classroom phones
- Private fiber to increase network reliability
- Add wireless capability at campuses

Modernizing the classroom:

- Provide projection devices for all classrooms
- Provide interactive hardware and software for teacher and student use
- Provide media content through multimedia delivery system
- Provide updated computers for the classroom

Data and Research-based Decisions:

- Annual teacher survey
- Focus Groups
- StarChart Data
- Student Assessment Data
- Principal Interviews

Improving Customer Service:

- Use of help desk software to track and correct technology issues
- Use of workshop software to access available professional development opportunities and view professional development transcripts

MANSFIELD ISD Technology Plan

2012 - 2013

BOB MORRISON

SUPERINTENDENT

Plan Introduction

Plan Last Edited 12/13/2011

Plan status:	approved
Years Included in the Plan:	2012 - 2013
Number of years covered by the plan:	1
Years Approved for the Plan:	2012 - 2013
Number of approved years:	1

Does the district file E-Rate? yes
Submitted plan PRIOR to posting 470.

Technology Planning Committee

Dr. Doug Brubaker - Assistant Superintendent, Technology Development
 Janice North - Director of Instructional Technology
 Kelly Campbell - Elementary Principal
 Derrell Douglas - High School Principal
 Donna O'Brian - Intermediate Principal
 Sheira Petty - Elementary Principal
 Gail Marlin - Campus Support Coordinator
 Cynthia Petty - Educational Technology Trainer
 Ashley Coffman - Educational Technology Trainer
 Shawntee Cowan - Educational Technology Trainer
 Kimberly Brown - Educational Technology Trainer
 Beth Light - School Board Member
 Darrell Sneed - Area Superintendent
 Yvonne Davault - Director of ESL/BIL
 Shelley Freeman - Director of Purchasing
 Pamela Pinkerton - Library Lead
 Carrie Pilant - Elementary Technology Applications Teacher
 Shyrlene Shelton - Secondary Technology Applications Teacher
 Paul Cash - Director of Student Services
 DesMontes Stewart - High School Principal
 David Gustafson - Parent

Executive Summary

The Mansfield ISD Technology Plan serves as a dynamic document to guide us in providing students, teachers and staff the technological tools for teaching, learning and working in the twenty-first century. MISD is committed to supporting students, teachers, and administrators as they focus on high academic standards, deliver innovative educational opportunities for all students, and provide a safe, nurturing environment which strengthens education. With this plan we will work to provide equitable access to that technology as we enable students to become lifelong learners.

The Mansfield ISD Technology Plan outlines goals, objectives and strategies necessary to support the District's goal of improving instruction for all students by ensuring innovative and inspiring educational opportunities that result in high levels of student achievement. This plan is based on the four key areas of the Texas Long-Range Plan for Technology and is aligned with No Child Left Behind and E-Rate criteria.

The four goals are:

1. Improve academic achievement, including technology literacy, of all students through the integration of technology into curriculum, instruction, and assessment.
2. Increase the capacity of educators to integrate technology effectively into curriculum instruction, and assessment through high quality, job-embedded, and sustained professional development.
3. Increase the level of instructional, technical, and administrative support of the integration of technology into curriculum, instructions and assessment through planning, budgeting and funding.
4. Increase the level of student and teacher support and access to commonly used, specialized, new and emerging technologies, including but not limited to computers, the Internet, and network resources.

Objectives and strategies to support the goals of Mansfield ISD are based on assessment data from the Texas Star Chart, yearly staff surveys and feedback from the MISD Technology Advisory Committee.

The primary intent of Mansfield ISD is to focus on the education of our students. Technology-infused-learning provide students the opportunity to learn in ways not previously possible. Technology becomes an integral part of the classroom - as accessible as all other classroom tools. (ISTE, NETS for Students, 2000, p.6).

Needs Assessment

Assessment Process:

Mansfield ISD conducts an annual needs assessment in order to evaluate progress toward reaching district technology goals. Gathering data and collecting district feedback is an integral part of the needs assessment process. In order to gather relevant feedback from district stakeholders, we utilize a variety of methods. An annual survey is a key component of this process. Each spring a survey is sent to more than 2,000 teachers to gather feedback on technology that affects the classroom. Focus groups provide another source for providing valuable input. The information gained from the focus groups help guide planning and decisions. In addition, interviews with building principals allow us to target specific campus needs and concerns to support student achievement and teacher productivity. Ideas for revisions to the plan and ideas for new initiatives come from these meetings.

Data is also collected through the completion of the Texas StaR Chart. All teachers, librarians and principals complete the chart each year. Administration reviews the results; this data is then used in planning and budgeting. Throughout the year the technology department works with district administrative personnel to analyze software, hardware, programs, courses, technology resources, staff development, and technical support to identify areas for improvement and determine areas for change.

Existing Conditions:

Mansfield ISD serves 32,955 students on 41 campuses including a new high school that will open in the Fall of 2012. At present the student/computer ratio is 3:1, and the teacher/computer ratio is 1:1. All classrooms have a direct connection to the Internet and are connected to the District WAN. Each computer receives Internet and email services. Campus technical support at grades K-8 is staffed with one technician per six campuses. Additionally, each high school is staffed with a full time technician. Every campus, student, parent and teacher have access a web-based student information, grade book and attendance program. Additionally, each administrator has access to data management software for student assessment to meet NCLB requirements and state expectations.

MISD uses Microsoft networking and email software. All campuses have access to an online work order system that allows all district staff to notify the technology department about technology needs and issues. Employees also have access to additional system components: the workshop module is for registering for and tracking professional development opportunities and a PDAS module is used for teacher evaluation. Students K-8 are enrolled in Technology Applications classes district-wide. The goal for all students is to meet the Texas

Technology Applications standards at each grade level. As part of this goal a yearly post-assessment is administered for all eighth graders prior to the end of the school year. This helps guide technology program choices for students throughout the district. The Educational Technology Trainers provide support for teachers and administrators in the area of instructional technology and technology skills.

The continued infrastructure upgrades and replacements have contributed to a more reliable and robust network which is currently in place. Related improvements such as switch replacements and electrical improvements have helped ensure operational efficiency. Wireless access at all campuses was begin in Spring 2012. A district-wide plan to modernize classrooms with interactive technology and media content has provided teachers and students with new tools to deliver innovative educational learning opportunities and cultivate productive, lifelong learners.

Technology Needs:

The technology plan's goals, objectives, and strategies are guided by MISD technology priorities.

Rebuilding the Infrastructure:

- Replace and update switches as needed
- Provide classroom IP phones
- Desktop virtualization to extend desktop computer life
- Add wireless Internet access at all campuses

Modernizing the classroom:

- Provide projection devices for all classrooms
- Provide interactive hardware and software for teacher and student use
- Provide media content through multimedia delivery system
- Provide updated computers for the classroom
- Provide quality staff development to build and maintain proficiency
- Implement personal digital devices at secondary schools
- Update K-8 Technology Applications curriculum framework to reflect new TEKS, project based learning, robotics, and perceptual modes for innovative, engaged learning
- Research the feasibility of implementing digital textbook and library books

Integrate K-8 Robotics unit/classes clubs

Data and Research-based Decisions:

Annual teacher survey

Focus Groups

StarChart Data

Student Assessment Data

Principal Interviews

Improving Customer Service:

Use of help desk software to track and correct technology issues

Cross-training in Technology Department

Opportunity for technical staff to attend technical training to build skills and knowledge

Use of workshop software to access available professional development opportunities and view professional development transcripts

The technology team, educational technology specialists, and library media specialists collaborate to provide the appropriate resources necessary for teachers that will help them as they integrate technology into the curriculum and instruction

MANSFIELD ISD Technology Plan

2013 - 2014

BOB MORRISON

SUPERINTENDENT

Plan Introduction

Plan Last Edited 12/19/2012

Plan status:	approved
Years Included in the Plan:	2013 - 2014
Number of years covered by the plan:	1
Years Approved for the Plan:	2013 - 2014
Number of approved years:	1

Does the district file E-Rate? yes
Submitted plan PRIOR to posting 470.

Technology Planning Committee

Dr. Doug Brubaker - Assistant Superintendent, Technology Development
 Janice North - Director of Instructional Technology
 Gail Marlin - Coordinator of Technology Campus Support
 Darrell Sneed - Area Superintendent
 Andrea Hensley - Middle School Principal
 Shawntee Cowan - Elementary Assistant Principal
 Cynthia McCallum - High School Principal
 Kayla Middleton - HS Librarian
 Nicole Harris - HS Teacher
 Jana Allen - HS Parent
 Derrell Douglas - HS Principal
 Angel Rivera - Intermediate Principal
 Jason Short - Intermediate Principal
 Amy Toombs - Middle School Librarian
 Jennifer Chen - Elementary Librarian
 Nikyeya Clayton - Elementary Teacher
 Micheal Fore - HS Teacher
 Des Stewart HS Principal
 Janet McDade - Career & Technology Principal
 Elizabeth Hostin - Middle School Principal
 Dyann Campbell - Elementary Librarian
 Debbie Andrews - HS Librarian
 Mary Steward - Middle School Teacher
 Rebecca Miller - Intermediate Teacher
 Deepika Trivedi - Elementary Parent

Executive Summary

The Mansfield ISD Technology Plan serves as a dynamic document to guide us in providing students, teachers and staff the technological tools for teaching, learning and working in the increasingly digital and global world. MISD is committed to supporting students, teachers, and administrators as they focus on high academic standards, deliver innovative educational opportunities for all students, and provide a safe, nurturing environment which strengthens education. With this plan we will work to provide equitable access to that technology as we enable students to become lifelong learners.

The Mansfield ISD Technology Plan outlines goals, objectives and strategies necessary to support the District's goal of improving instruction for all students by ensuring innovative and inspiring educational opportunities that result in high levels of student achievement. This plan is based on the four key areas of the Texas Long-Range Plan for Technology and is aligned with No Child Left Behind and E-Rate criteria, and the District Strategic Plan.

The four goals are:

1. Improve academic achievement, including technology literacy, of all students through the integration of technology into curriculum, instruction, and assessment.
2. Increase the capacity of educators to integrate technology effectively into curriculum instruction, and assessment through high quality, job-embedded, and sustained professional development.
3. Increase the level of instructional, technical, and administrative support of the integration of technology into curriculum, instructions and assessment through planning, budgeting and funding.
4. Increase the level of student and teacher support and access to commonly used, specialized, new and emerging technologies, including but not limited to computers, mobile devices, the Internet, and network resources.

Objectives and strategies to support the goals of Mansfield ISD are based on assessment data from the Texas Star Chart, yearly staff surveys and feedback from focus groups, and the MISD Technology Advisory Committee.

The primary intent of Mansfield ISD is to focus on the education of our students. Technology integration will be used to engage students, and enhance and transform learning.

Needs Assessment

Assessment Process:

Mansfield ISD conducts an annual needs assessment in order to evaluate progress toward reaching district technology goals. Gathering data and collecting district feedback is an integral part of the needs assessment process. In order to gather relevant feedback from district stakeholders, we utilize a variety of methods.

An annual survey is a key component of this process. Each spring a technology survey is sent to all teachers. Responses from teachers provide feedback on technology that affects the classroom. Focus groups of administrators, teachers, students & parents provide another source for gathering valuable information. The information gained from these focus groups help guide planning and decision-making, and allow us to target specific campus needs and concerns to support student achievement and teacher productivity. Ideas for revisions to the plan and ideas for new initiatives come from these meetings.

Data is also collected through the completion of the Texas STaR Chart. All teachers, including librarians and principals complete the chart each year. Administration reviews the results; this data is then used in planning and budgeting. Reports are regularly provided to the School Board. Throughout the year the technology department works with district personnel to analyze software, hardware, programs, courses, technology resources, staff development, and technical support to identify areas for improvement and determine areas for change.

Existing Conditions:

Mansfield Independent School District serves 32,879 students on 42 campuses. At present the student/computer ratio is 3:1, and the teacher/computer ratio is 1:1. All classrooms have a direct connection to the Internet and are connected to the District WAN. Each computer receives Internet and email services. Each classroom has an AV system including interactive whiteboards/slides, ceiling-mounted projectors and audio system. Mobile device initiatives have provided iPads for staff in grades 7-12th grade, and all high school students. A BYOD program has been implemented in grades K-12. Campus technical support at grades K-8 is staffed with one technician per six campuses. Additionally, each high school is staffed with a full time technician and a full time iPad technician. As we expand mobile devices programs we will continue to evaluate need and expand staff as required.

Every campus, student, parent and teacher have access to a web-based student information, grade book, attendance and finance system. Additionally, staff has access to data from integrated systems for student assessment in order to meet NCLB requirements and state expectations.

Mansfield ISD uses Microsoft networking and email software. All campuses have access to an online work order system that allows all district staff to notify the technology department about technology needs and issues. Employees also have access to additional system components: the workshop module is for registering for and tracking professional development opportunities and a PDAS module is used for teacher evaluation. Students K-8 are enrolled in Technology Applications classes district-wide. The goal for all students is to meet the Texas Technology Applications standards at each grade level. As part of this goal a yearly post-assessment is administered for all eighth graders prior to the end of the school year. This helps guide technology program choices for students throughout the district. The Educational Technology Trainers provide support for teachers and administrators in the area of instructional technology and technology skills.

The continued infrastructure upgrades and replacements have contributed to a more reliable and robust network which is currently in place. Related improvements such as switch replacements and electrical improvements have helped ensure operational efficiency. Wireless access at all campuses began in Spring 2012 and was completed by start of school August 2013. A district-wide plan to modernize classrooms with interactive technology and media content has provided teachers and students with new tools to deliver innovative educational learning opportunities and cultivate productive, lifelong learners.

Technology Needs:

The technology plan's goals, objectives, and strategies are guided by Mansfield ISD's technology priorities.

Rebuilding the Infrastructure:

- Maintain and update switches as needed
- Provide classroom IP phones
- Expand Desktop virtualization to extend desktop computer life
- Provide additional wireless Internet access as needed at all campuses
- Expand use of UMRA (integrated access to applications based on staff role & login)

Modernizing the classroom:

- Provide projection devices for all classrooms
- Provide interactive hardware and software for teacher and student use
- Provide media content through multimedia delivery system
- Provide updated digital devices for the classroom
- Provide quality staff development to build and maintain proficiency
- Implement personal digital devices at secondary schools
- Continue Update K-8 Technology Applications curriculum framework to reflect new TEKS, project based learning, robotics, and perceptual modes for innovative, engaged learning
- Implement digital textbooks
- Expand K-8 Robotics unit/classes clubs

Data and Research-based Decisions:

- Annual teacher survey
- Focus Groups made up of administrators, parents, teachers and students
- StarChart Data
- Student Assessment Data
- Principal interviews

Improving Customer Service:

- Use of help desk software to track and correct technology issues
- Cross-training in Technology Department
- Opportunity for technical staff to attend technical training to build skills and knowledge
- Use of workshop software to access available professional development opportunities and view professional development transcripts
- The technology team, educational technology specialists and curriculum specialists collaborate to provide the appropriate resources and training necessary for teachers as they integrate technology into the curriculum and instruction.